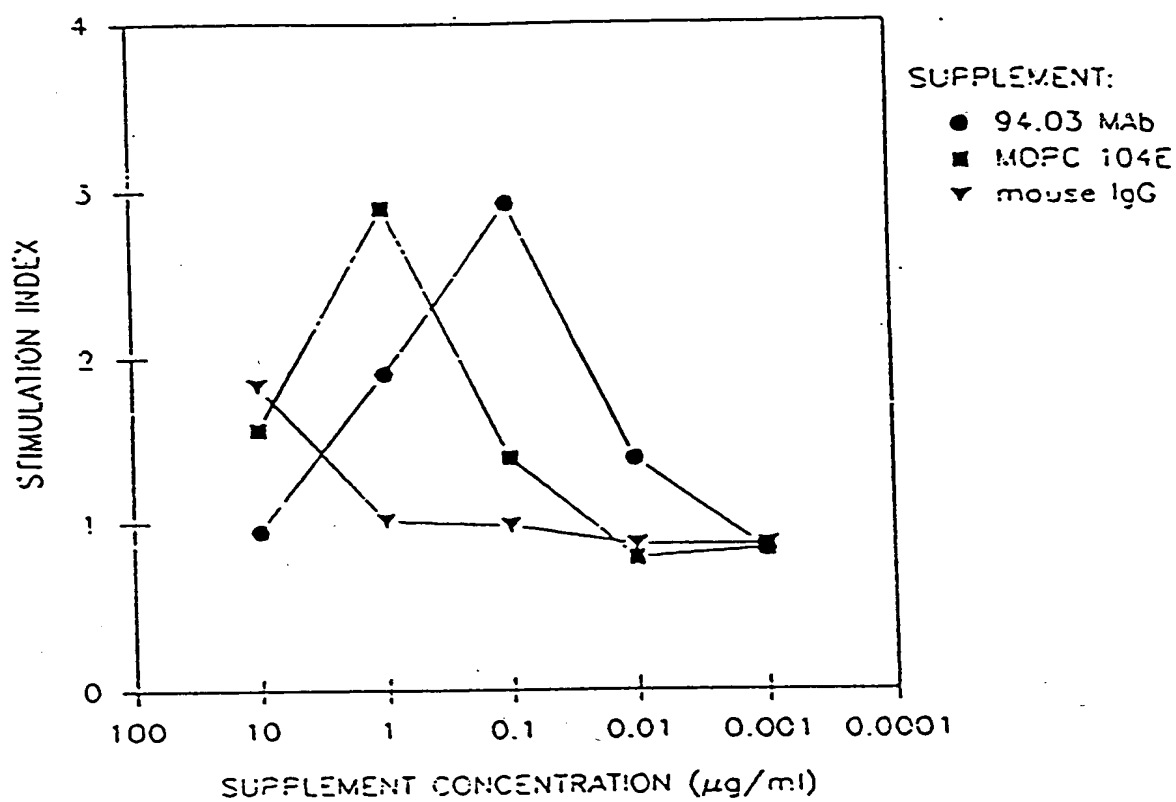


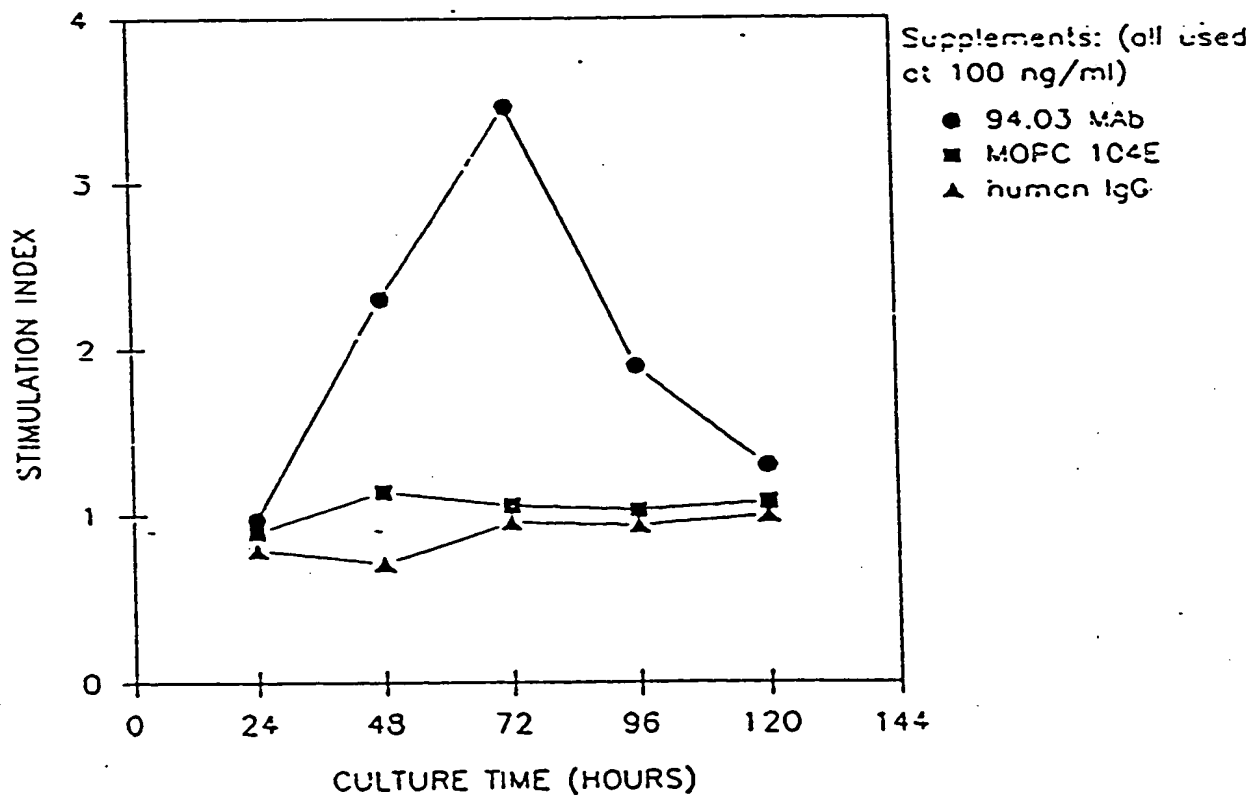


Figure 1



1199-1-001 CIP (Sheet 2 of 18)

Figure 2



1199-1-001 CIP (Sheet 3 of 18)

Fig. 3A



Fig. 3B

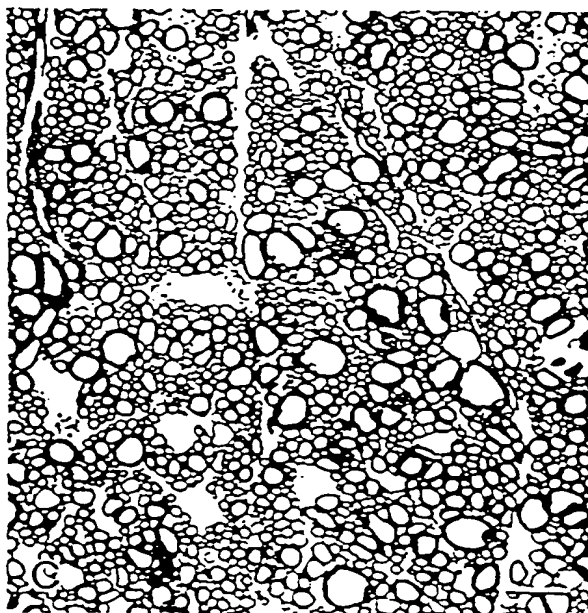


Fig. 3C

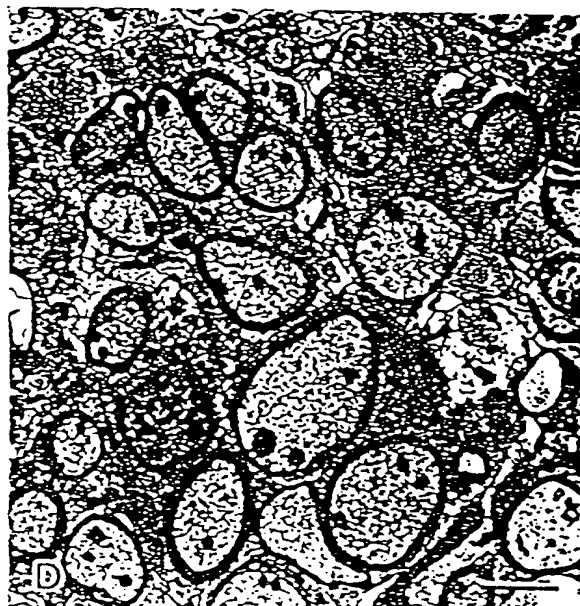
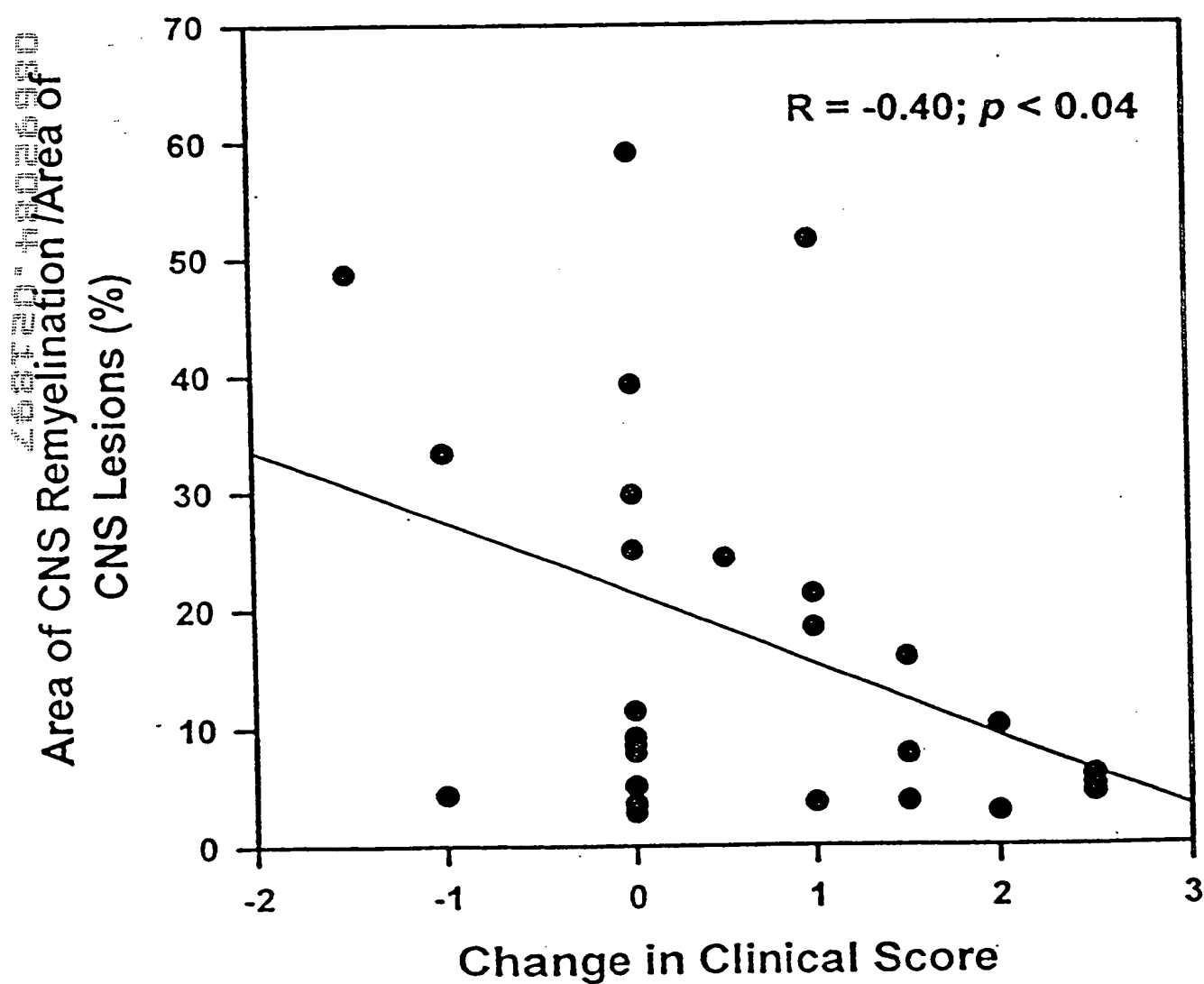


Fig. 3D

08/692084-0189

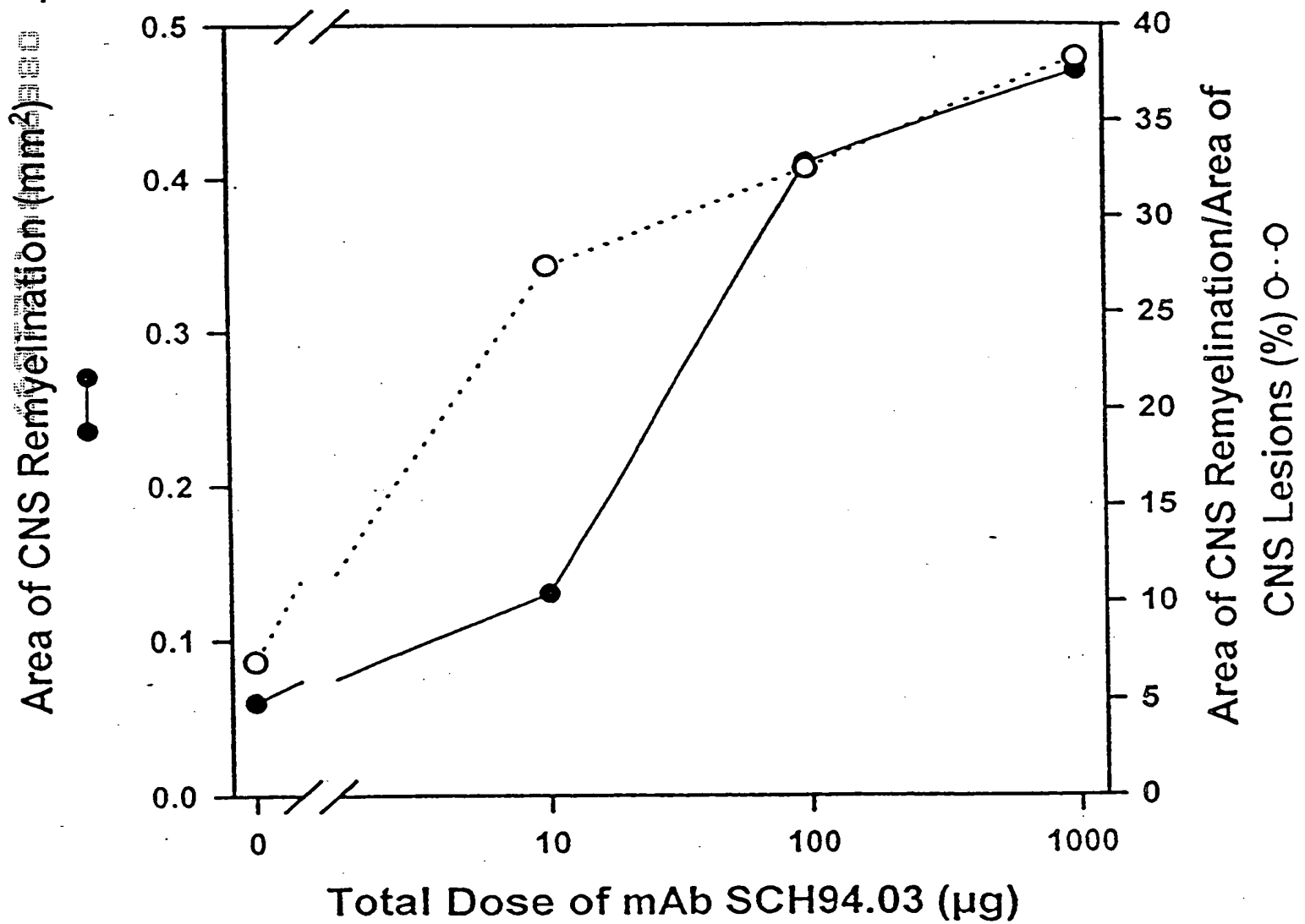
1199-1-001 CIP (Sheet 4 of 18)

Figure 4



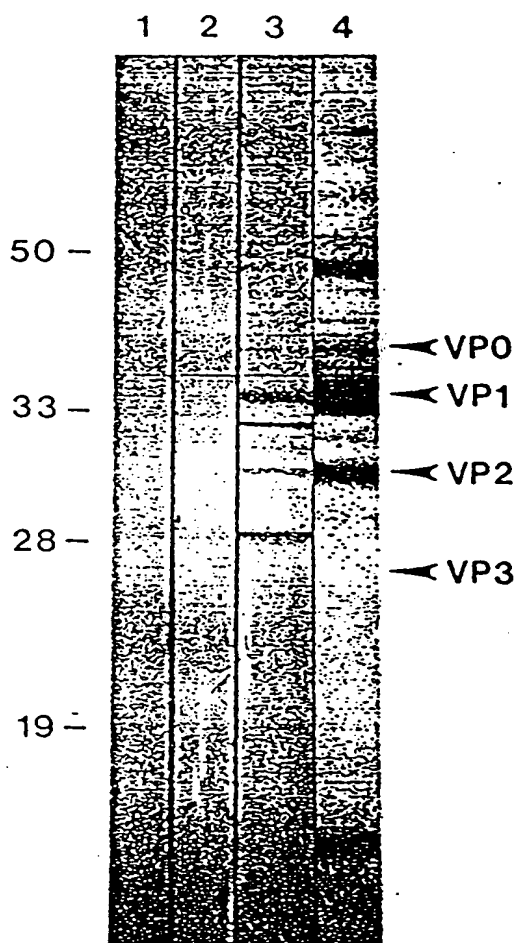
1199-1-001 CIP (Sheet 5 of 18)

Figure 5



1199-1-001 CIP (Sheet 6 of 18)

Figure 6



1199-1-001 CIP

(Sheet 7 of 18)

Fig. 7A

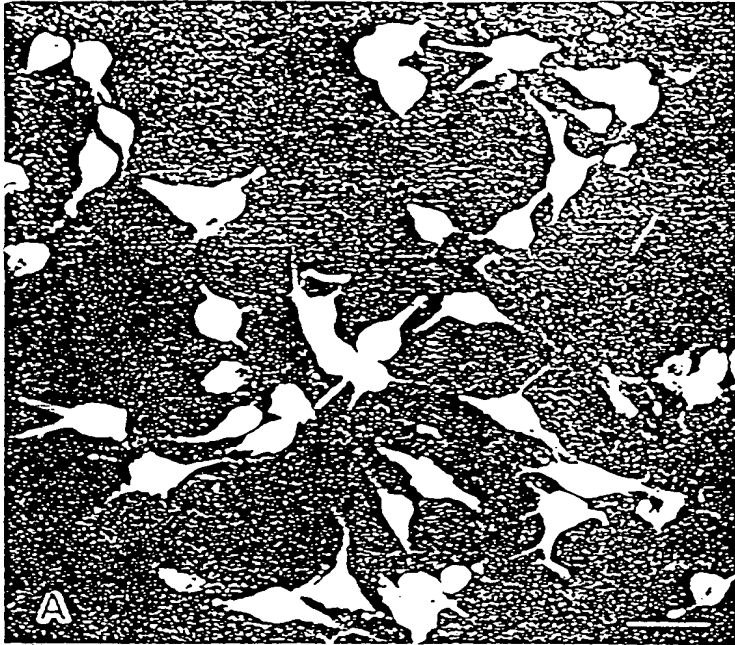


Fig. 7B

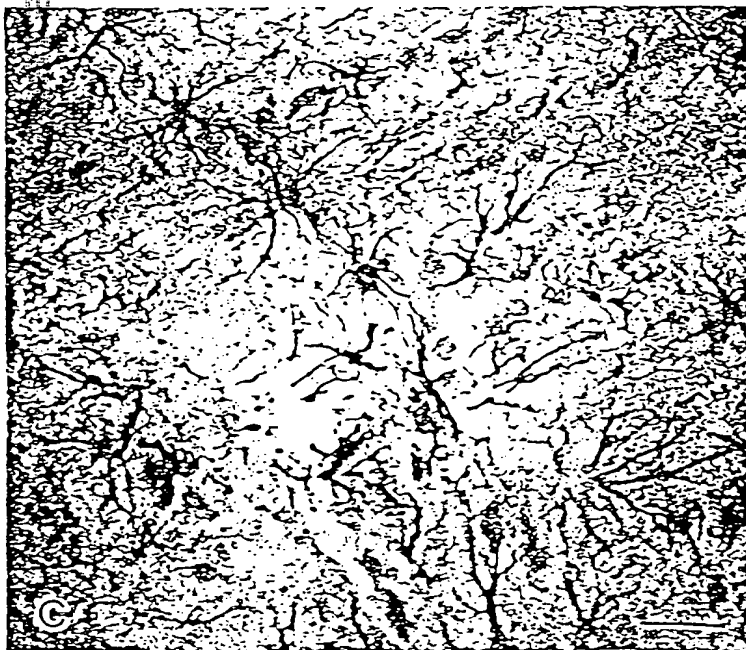
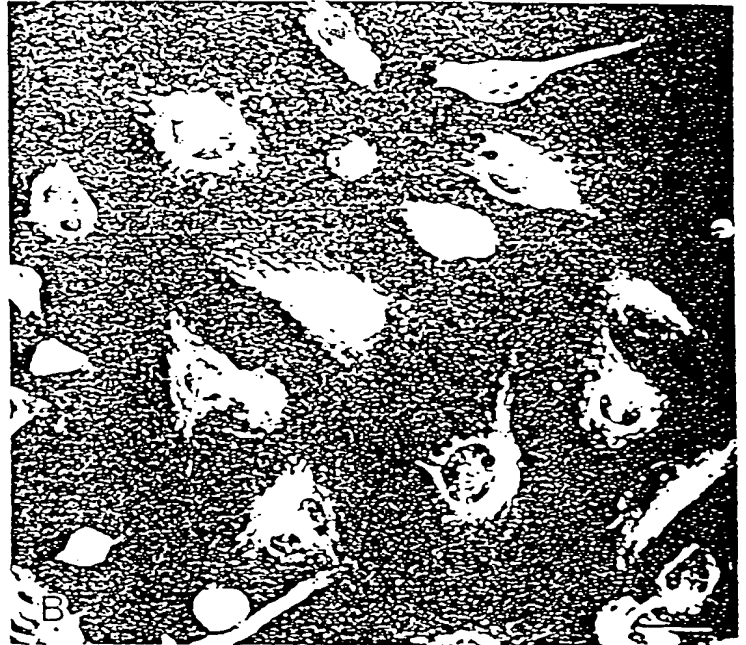


Fig. 7C

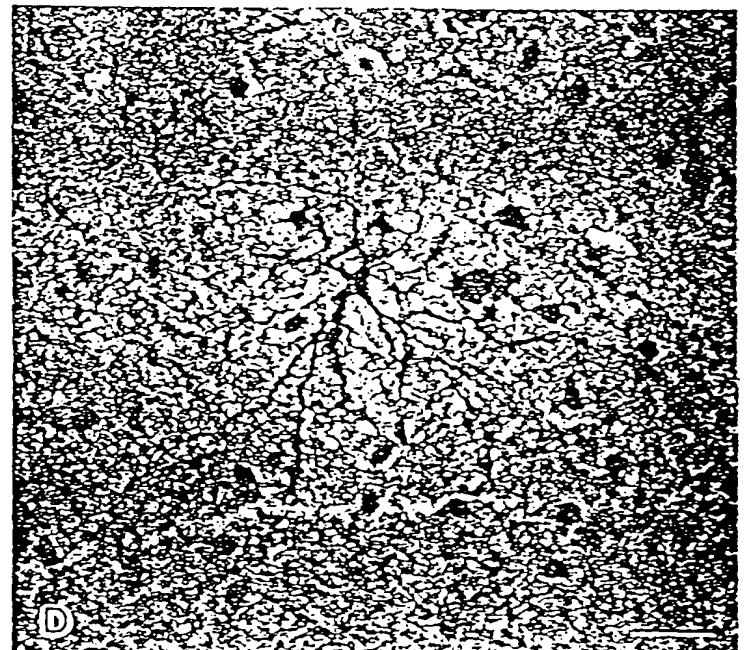


Fig. 7D

1199-1-001 CIP (Sheet 8 of 18)

ELISA with SCH94.03 and protein antigens

Fig. 8A

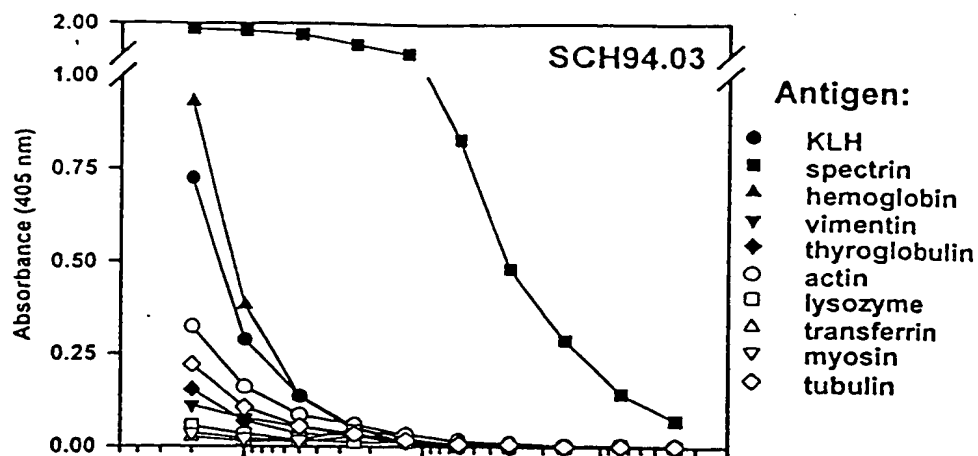


Fig. 8B

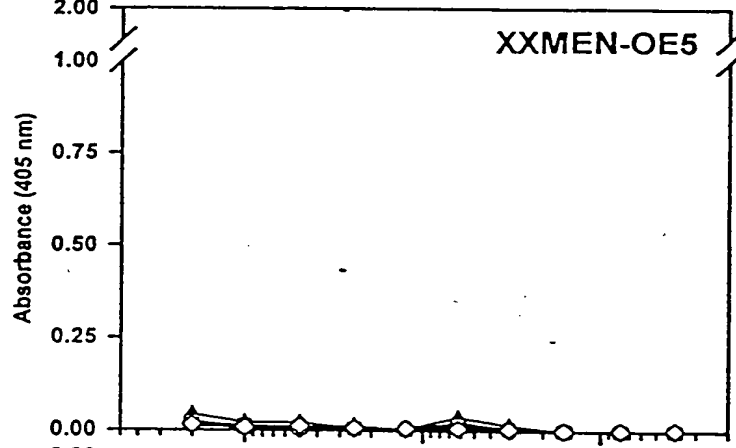
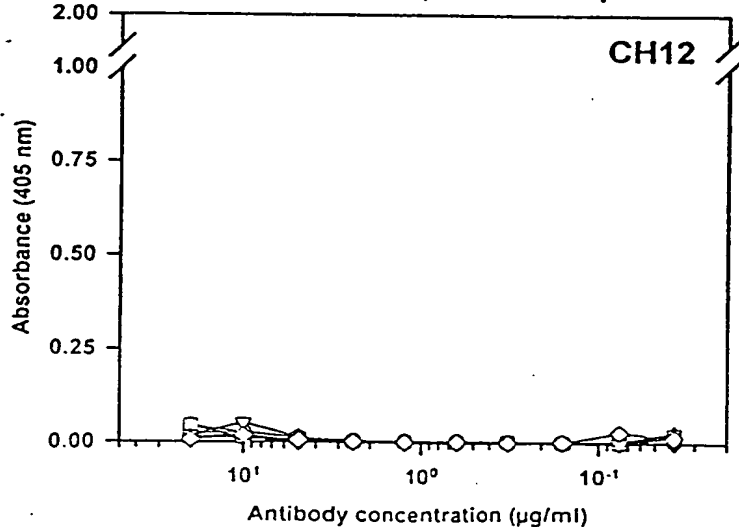


Fig. 8C



1199-1-001 CIP (Sheet 9 of 18)

Figure 9

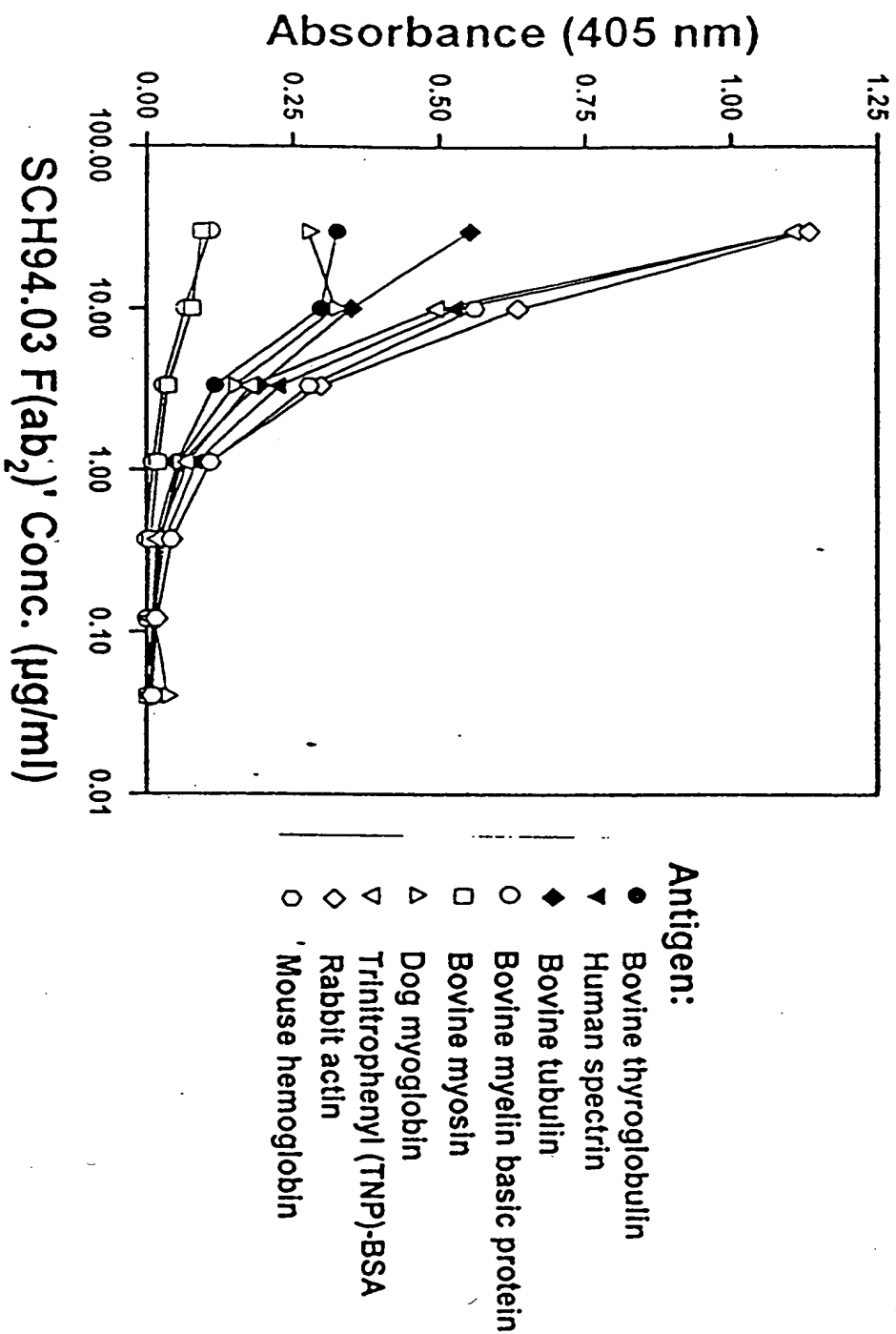
ELISA with SCH94.03 F(ab₂)' fragments

Fig. 10A

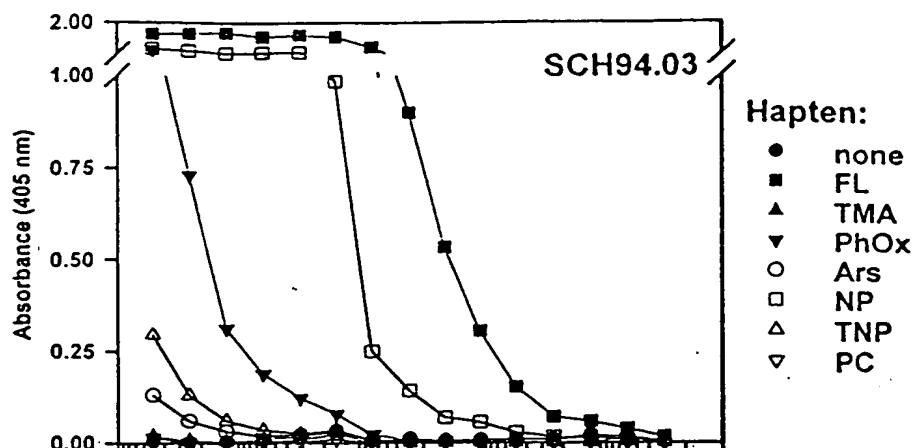


Fig. 10B

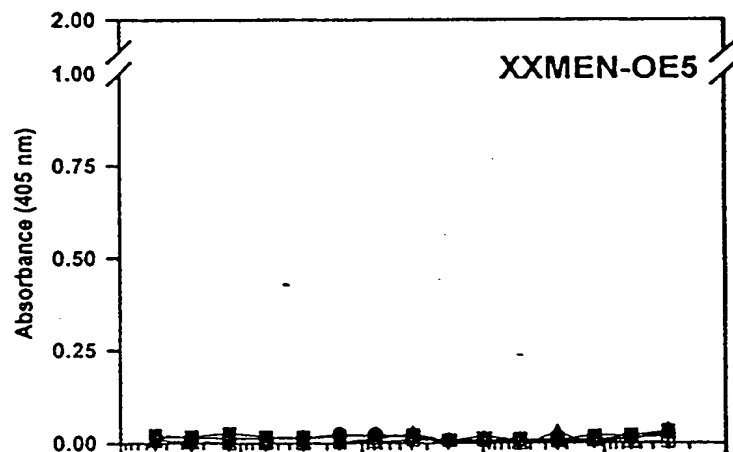
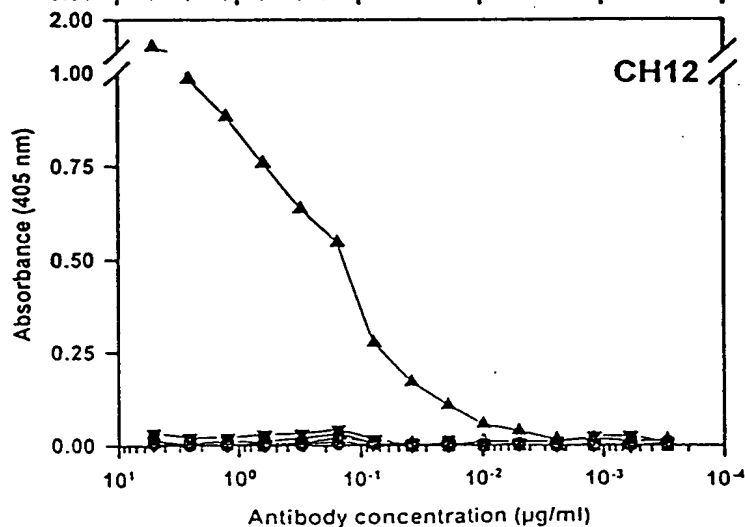


Fig. 10C



1199-1-001 CIP (Sheet 11 of 18)

Figure 11
Immunoglobulin light and heavy chain variable region sequences of SCH94.03

[illegible]

1199-1-001 CIP (Sheet 12 of 18)

Figure 12

| Leader Peptide | |
|----------------|--|
| AI/AA OI | <p>-19 M G W R W I F L F L L S G T A G V H C Q V Q L Q Q S Q P ATG GGA TGG AGA TGG ATC TTG CTT TTC CTC CTG TCA GGA ACT GCA GGT GTC CAT TGC CAG GTT CAG CTG CAG CAG TCT GGA CTT</p> |
| AI/AA OI | <p>10 E L V R P G A L V R I S C K A S G Y T F T S Y D I N N W V GAG CTG GTG AAG CCT GGG GCT TTA GTG AAG ATA TCC TGC AAG GCT TCT GGT TAC ACC TTC ACA AGC TAC GAT ATA AAC TGG GTG</p> |
| AI/AA OI | <p>40 K Q R P G Q G L E W I G W I Y P G D G S T K Y N E K F K AAG CAG AAG CCT GGA CAG GGA CTT GAG TGG ATT GGA TGG ATT TAT CCT GGA GAT GGT AGT ACT AAG TAC AAT GAG AAA TTC AAG</p> |
| AI/AA OI | <p>70 G K A T L T A A D K S S S T A Y M Q L S S L T S E N S A V GGC AAG GCC ACA CTG ACT GCA GAC AAA TCC TCC AGC ACA GCC TAC ATG CAG CTC AGC AGC CTG ACT TCT GAG AAC TCT GCA GTG</p> |
| AI/AA OI | <p>100 100A 100B Y F C A R G A R F Y W Y F D V W G A G T T V T V S S TAT TTC TGT GCA AGA GGG GCC AGG TTC TAC TGG TAC TTC GAT GTC TGG GGC GCA GGG ACC ACG GTC ACC GTT TCC TCA GAG AGT</p> |

88692084, 024897

1. 1990年12月25日，在北京市召开的“中国新闻摄影学会”成立大会上，李进才当选为会长。

[illegible]

[illegible][illegible]

Figure 15

[illegible]

THE HISTORY OF THE

1199-1-001 CIP (Sheet 16 of 18)

Leader Peptide

gemline Vκ41
HNK-1
MORC41

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| M | D | M | R | A | P | A | Q | I | F | G | F | L | L | L | L | F | Q | G | T | R | C | D | I | Q | M | T | Q |
| ATG | GAC | ATG | AGG | GCT | CCT | GCA | CAG | ATT | TTT | GGC | TTC | TTG | TTG | CTC | TTG | TTT | CAA | GGT | ACC | AGA | TGT | GAC | ATC | CAG | ATG | ACC | CAG |

CDR1

gemline Vκ41
HNK-1
MORC41

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| S | P | S | S | L | S | A | S | L | G | E | R | V | S | L | T | C | R | A | S | Q | D | I | G | S | S | L | N |
| TCT | CCA | TCC | TCC | TTA | TCT | GCC | TCT | CTG | GGA | GAA | AGA | GTC | AGT | CTC | ACT | TGT | CGG | GCA | AGT | CAG | GAC | ATT | GGT | AGT | AGC | TTA | AAC |

CDR2

gemline Vκ41
HNK-1
MORC41

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| W | L | Q | Q | E | P | D | G | T | I | K | R | L | I | Y | A | T | S | S | L | D | S | G | V | P | K | R | F |
| TGG | CTT | CAG | CAG | GAA | CCA | GAT | GGA | ACT | ATT | AAA | CGC | CTG | ATC | TAC | GCC | ACA | TCC | AGT | TTA | GAT | TCT | GGT | GTC | CCC | AAA | AGG | TTC |

CDR3

gemline Vκ41
HNK-1
MORC41

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| S | G | S | R | S | G | S | D | Y | S | L | T | I | S | S | L | E | S | E | D | F | V | D | Y | Y | C | L | Q |
| AGT | GCC | AGT | AGG | TCT | GGG | TCA | GAT | TAT | TCT | CTC | ACC | ATC | AGC | AGC | CTT | GAG | TCT | GAA | GAT | TTT | GTA | GAC | TAT | TAC | TGT | CTA | CMA |

CDR3

J region

C region

gemline Vκ41
gemline Jκ2
HNK-1
MORC41

| | | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Y | A | S | S | P | Y | T | F | G | G | T | K | L | E | I | K | R | | | | |
| TAT | GCT | AGT | TCT | CCT | TAC | ACG | TTC | GGA | GGG | ACC | AAG | CTG | GAA | ATA | AAA | CGG | GCT | GAT | GCT | TCA |

[illegible]

| | | Leader Peptide | | | | | | | | | | | | | | | | | | | |
|------|---|----------------|--|--|--|--|--|--|--|--|--|----------|--|--|--|--|--|--|--|--|--|
| | | | | | | | | | | | | +1 | | | | | | | | | |
| | | | | | | | | | | | | 4 | | | | | | | | | |
| A2B5 | M B S Q I Q V F V F V L W L S G V D G D I I V M T Q S H | | | | | | | | | | | | | | | | | | | | |
| A2B5 | ATG GAG TCA CAG ATT CAG GTC TTT GTA TTC GTG TTT CTC TGG TTT TCT GGT GTT GAC GGA GAC ATT GTG ATG ACC CAG TCT CAC | | | | | | | | | | | | | | | | | | | | |
| A2B5 | | | | | | | | | | | | CDR1 | | | | | | | | | |
| A2B5 | K P M S T S V G D R V S I T C K A S Q D V S T A V A W Y | | | | | | | | | | | | | | | | | | | | |
| A2B5 | AAA TTC ATG TCC ACT TCA GTA GGA GAC AGG GTC AGC ATC ACC TGC AAG GCC AGT CAG GAT GTG AGT ACT GCT GTA GCC TGG TAT | | | | | | | | | | | | | | | | | | | | |
| A2B5 | | | | | | | | | | | | CDR2 | | | | | | | | | |
| A2B5 | Q Q K P G Q S P K L L I Y S A S Y R Y T G V P D R P T G | | | | | | | | | | | | | | | | | | | | |
| A2B5 | CMA CAG AAA CCA GGA CAA TCT CCT AAA CTA CTG ATT TAC TCG GCA TCC TAC CCG TAC ACT GGA GTC CCT GAT CGC TTC ACT GGC | | | | | | | | | | | | | | | | | | | | |
| A2B5 | | | | | | | | | | | | CDR3 | | | | | | | | | |
| A2B5 | S G S G T D F T P T I S S V Q A B D L A V Y Y C Q Q H Y | | | | | | | | | | | | | | | | | | | | |
| A2B5 | AGT GGA TCT GGG ACG GAT TTC ACT TTC ACC ATC AGC AGT GTG CAG GCT GAA GAC CTG GCA GTT TAT TAC TGT CAG CAA CAT TAT | | | | | | | | | | | | | | | | | | | | |
| A2B5 | | | | | | | | | | | | CDR3 | | | | | | | | | |
| A2B5 | | J region | | | | | | | | | | C region | | | | | | | | | |
| A2B5 | T T P L T F G A G T K L B L K R | | | | | | | | | | | | | | | | | | | | |
| A2B5 | CTC ACG TTC GGT GCT GGG ACC AAG CTG GAG CTG AAA CGG GCT GAT GCT TCA | | | | | | | | | | | | | | | | | | | | |
| A2B5 | ACT ACT CCG --- - - - - - G - - - - - | | | | | | | | | | | | | | | | | | | | |

1199-1-001 CIP (Sheet 18 of 18)

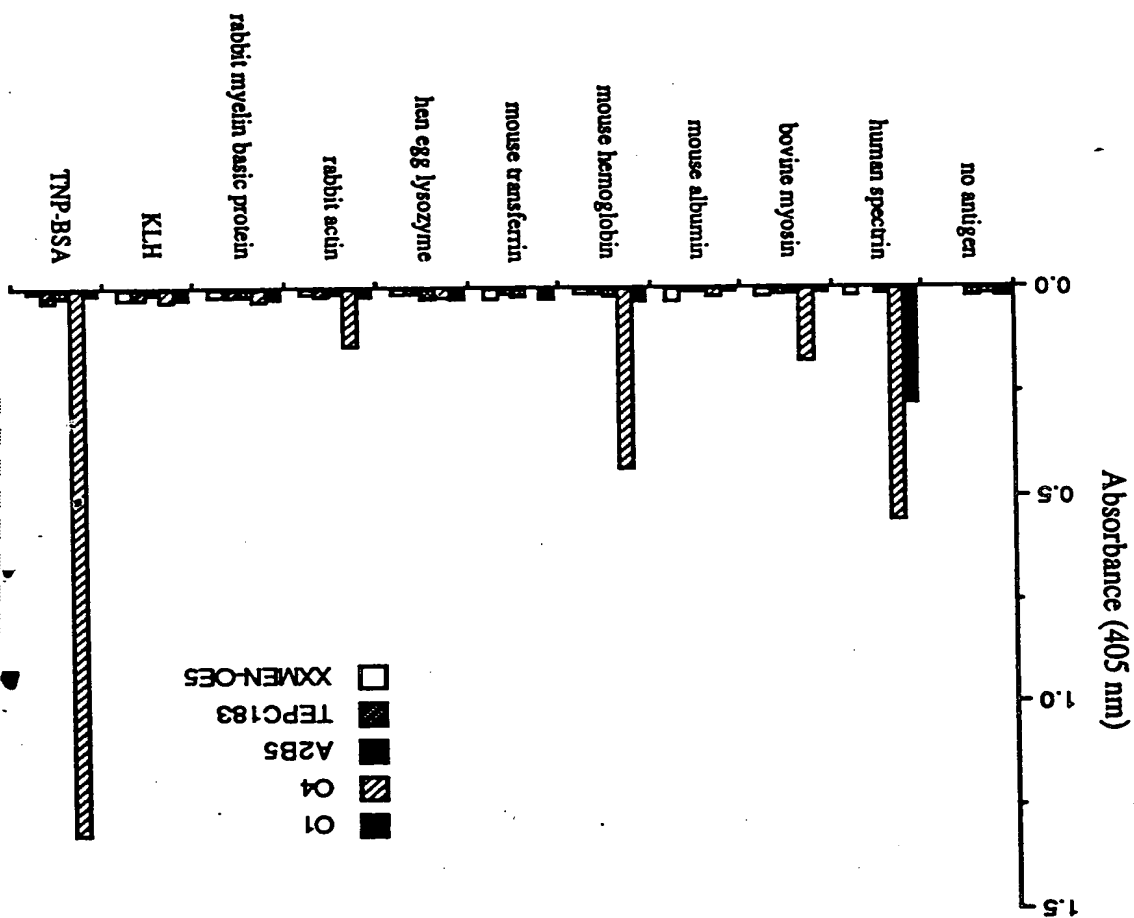


Figure 18